Superfreq

Moonn Electronics

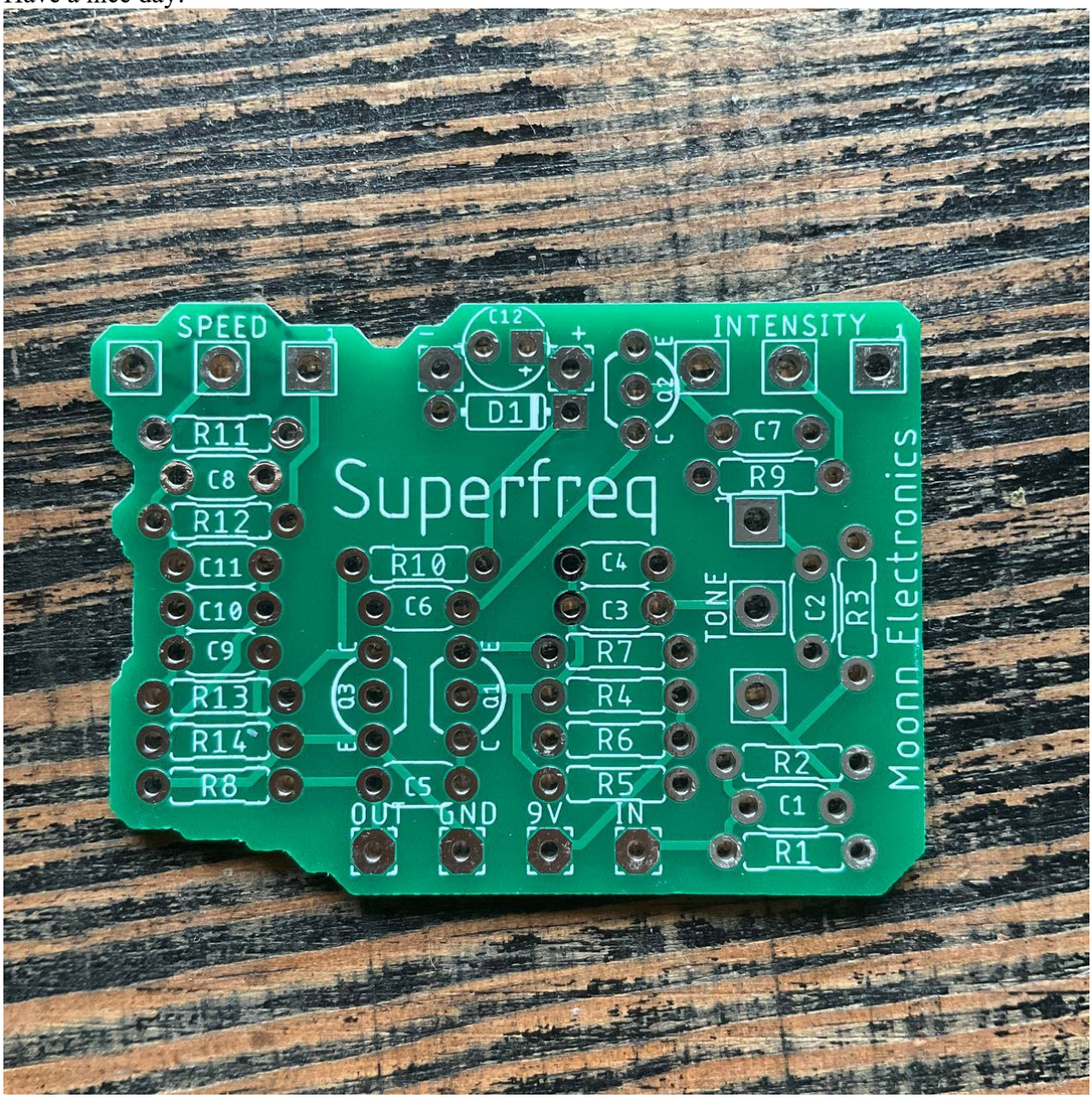
Use me to build a clone of the Jen HF Modulator

Hi there!
Thank you for building me!

This may sound a bit lonely but I am best used with a friend like a drive or a fuzz
just sayin...

If you have any questions or anything else to say, just write an email to
moonnelectronics@gmail.com

Have a nice day!

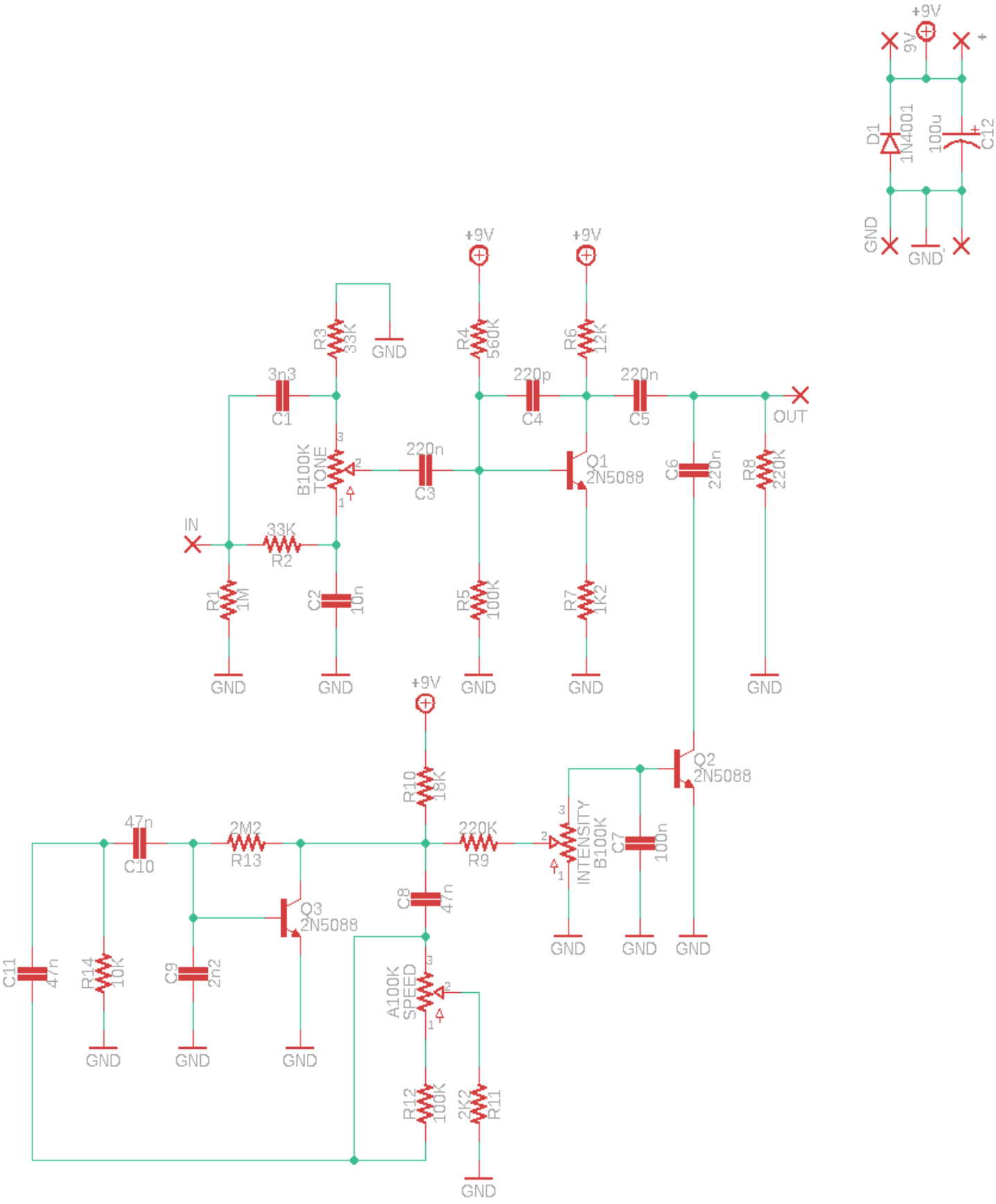


Moonn Electronics is in no way affiliated with Jen

Bill of Materials

Qty	Value	Parts
Resistors		
1	1K2	R7
1	2K2	R11
1	10K	R14
1	12K	R6
1	18K	R10
2	33K	R2, R3
2	100K	R5, R12
2	220K	R8, R9
1	560K	R4
1	1M	R1
1	2M2	R13
Ceramic and Film Capacitors		
1	220p	C4
1	2n2	C9
1	3n3	C1
1	10n	C2
3	47n	C8, C10, C11
1	100n	C7
3	220n	C3, C5, C6
Electrolytic Capacitor		
1	100u	C12
Semiconductors		
1	1N4001	D1
3	2N5088	Q1, Q2, Q3
Potentiometers		
1	A100K	SPEED
2	B100K	INTENSITY, TONE

Schematic


+9V
9V
+
D1
1N4001
100u
C12
GND
GND
+9V
+9V
R3
33K
GND
R4
560K
R6
12K
3n3
C1
220p
C4
220n
C5
OUT
B100K
TONE
220n
C3
Q1
2N5088
C6
220n
R8
220K
IN
33K
R2
R1
1M
C2
10n
R5
100K
R7
1K2
GND
GND
GND
GND
GND
+9V
R10
18K
Q2
2N5088
47n
C10
2M2
R13
220K
R9
INTENSITY
B100K
C7
100n
C8
47n
Q3
2N5088
C11
47n
R14
10K
C9
2n2
A100K
SPEED
R12
100K
2K2
R11
GND
GND
GND
GND
GND
GND
GND

Offboard Wiring